In 2009, Congressman Miller joined fellow Representative Edward Royce to establish the African Great Lakes Caucus. The countries of Burundi, Rwanda, Democratic Republic of the Congo (DRC), Uganda, Kenya and Tanzania compose this region. Wracked by recurring conflict, this region faces grave humanitarian conditions. The brutal campaign waged by the Lord's Resistance Army has displaced more than 1.5 million people and has resulted in the abduction of at least 20,000 children. One of the deadliest conflicts since World War II, the fighting in the DRC continues to threaten innocent civilians and terrorize communities.

The purpose of the African Great Lakes Caucus is to provide a forum to share information, dialogue and enhance understanding of the region, the issues affecting its security, and efforts to resolve the conflicts.